|  | <br>Claims |  |
|--|------------|--|
|  |            |  |

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|
| 10/084,567              | ZHAO ET AL.                             |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |
| Nirav Patel             | 2135                                    |  |  |  |  |  |  |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | im       | Date         |                |          |          |  |          |          |              |              |
|----------|----------|--------------|----------------|----------|----------|--|----------|----------|--------------|--------------|
| Final    | Original | 12/2/05      |                |          |          |  |          |          |              |              |
|          | 1        | V            |                |          |          |  |          |          |              | ᅵ            |
|          | 2        | 7            |                |          |          |  |          |          | 一            | $\neg$       |
|          | -        | F            |                |          |          |  |          |          |              |              |
|          | 4        | V            |                | Г        |          |  |          |          |              |              |
|          | 5        | 7 7 7        |                |          |          |  |          |          |              |              |
| -        | 6        | 1            |                |          |          | Г                                      |          |          |              | $\neg$       |
| ,        | -7-      | -            |                | Γ        |          | Г                                      |          |          |              |              |
|          | 8        | 7            |                |          |          |  | Г        |          |              |              |
|          | 9        | 1            |                |          |          | Г                                      |          |          |              |              |
|          | 10       | 7            | Г              |          |          | П                                      | Γ        |          |              |              |
|          | 11       | V            | Г              |          |          |  |          |          |              |              |
|          | 11<br>12 |              |                |          |          |  |          |          |              |              |
|          | 13       | 1            |                |          |          |  |          |          |              |              |
|          | 14<br>15 | V            |                |          |          |  | Γ        |          |              |              |
|          | 15       | 1            |                |          | Г        |  |          |          |              |              |
|          | -16-     | -            |                |          |          |  |          |          |              |              |
|          | -17-     | F            |                |          |          |  |          |          |              |              |
|          | 18       | 1            |                |          |          |  |          |          |              |              |
|          | 19       | 1            |                |          |          |  |          |          |              |              |
|          | 20       | 1            |                |          |          |  |          |          |              |              |
|          | 21       |              |                |          |          | ł                                      |          |          |              |              |
|          | 22       |              |                |          |          |  |          |          |              |              |
|          | 23       |              |                |          | L        |  | <u> </u> |          |              |              |
|          | 24       |              | <u> </u>       |          |          |  |          | _        |              |              |
|          | 25       |              | L              | 1_       |          | <u>L</u>                               |          |          | <u> </u>     |              |
|          | 26       |              |                | _        | ┖        | 上                                      | <u> </u> |          | <u> </u>     |              |
|          | 26<br>27 |              |                |          |          |  | _        | <u> </u> |              |              |
|          | 28<br>29 |              | L              | _        |          | <u> </u>                               | $\perp$  | <u> </u> | $oxed{oxed}$ |              |
|          | 29       | 丄            | <u> </u>       | ┖        | <u> </u> | 1                                      |          | <u> </u> |              | L            |
|          | 30       | L            | <u> </u>       |          | <u> </u> | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | <u> </u> |              |              |
|          | 31       | ┸            | ┖              | <u> </u> | $\perp$  | <u> </u>                               | <u> </u> | 1        |              | _            |
| <u></u>  | 32       | $\perp$      | <u> </u>       | 1        | 1        | 1_                                     | 1        | ـــ      | Ь            | <u> </u>     |
|          | 33       | ↓_           | ↓_             | 1        | ـــ      | ↓_                                     | $\perp$  | <u> </u> | $\vdash$     |              |
|          | 34       | 4            | 1              |          | -        | 1-                                     | _        | 1_       | <b>!</b>     | -            |
| <u> </u> | 35       | <del> </del> | ↓_             | $\perp$  | 4-       | $\perp$                                | 1        | <b>├</b> | <u> </u>     | ⊢            |
| <u> </u> | 36       | -            | $\vdash$       | ┼        | $\vdash$ | +                                      | ┼        | $\vdash$ | $\vdash$     | <del> </del> |
|          | 37<br>38 | 4-           | <del> </del> - | +        | +        | +-                                     | +        | ┼        | -            |              |
| $\vdash$ | 38       | -            | 1              | 1        | ┼        | +                                      | +        | -        | $\vdash$     | $\vdash$     |
| <u> </u> | 39       | +-           | +              | +-       | +-       | +                                      | +        | ┼        | $\vdash$     | $\vdash$     |
| <u> </u> | 40       | ╄            | +-             | +        | $\vdash$ | +-                                     | +        | $\vdash$ | -            | $\vdash$     |
| <u> </u> | 41       | ┥—           | ╁              | +        | +-       | ╬                                      | +        | +        | +-           | -            |
| <u> </u> |          | +            | +              | +        | +        | +-                                     | +        | +        | ┼-           | -            |
|          | 43       | +            | +              | +        | +        | +                                      | +        | -        | ╁            | 1            |
| <u> </u> |          | +            | +              | +-       | +        | +                                      | +        | ╁        | $\vdash$     | ├            |
| -        | 45<br>46 | +-           | +              | +        | ╁        | +                                      | +        | +-       | $\vdash$     | $\vdash$     |
| -        | 46       | +            | +              | +        | ┰        | +                                      | +        | ╁        | +            | $\vdash$     |
| -        | 47       | +            | ╁              | +-       | ╀        | +                                      | +-       | +        | +            | ┼            |
| <u> </u> |          | -            | +              | +-       | +        | +                                      | ╁╌       | ╁        | +            | $\vdash$     |
| -        | 49<br>50 | +-           | +              | +        | ┼~       | ╁                                      | +        | ╀        | ╁            | $\vdash$     |
| 1        | ı ou     |              | 1              |          |          |  |          | 1        | 1            |              |

| Cla      | im         |          |  |              | Ī            | Date         | •  |          |   |                |
|----------|------------|----------|--|--------------|--------------|--------------|--|----------|---|----------------|
|          |            |          | $\neg$   |              |              |              |  |          |   |                |
| <u></u>  | Original   |          |  |              |              |              |  |          |   |                |
| Final    | : <u>6</u> |          |  |              |              |              |  |          |   | 1              |
| 11       | ਨੋ         |          |  |              |              |              |  |          |   |                |
|          |            | _        |  |              |              |              |  |          |   |                |
|          | 51         |          |  |              |              |              |  |          |   |                |
|          | 52         |          | -  |              |              |              |  |          |   |                |
|          | 53         |          |  |              |              |              |  |          |   |                |
|          | 54         | $\dashv$ |  | _            |              | Г            | _  |          |   |                |
| <u> </u> | 55         | -        |  |              | ┢╌           | -            |  | ┢        |   | П              |
|          | 56         |          | _  | $\vdash$     | ├            |              |  | -        |   | Н              |
| -        | 00         |          | _  | -            | <u> </u>     |              |  | ┝        |   | $\vdash\vdash$ |
|          | 57         | _        |  |              |              | _            | _  |          | <u> </u>  | $\vdash$       |
| $\perp$  | 58         | _        |  |              | <u> </u>     |              |  | <u> </u> | <u> </u>  | $\sqcup$       |
|          | 59         |          |  |              |              |              |  |          | _   | Ш              |
|          | 60         |          |  |              |              |              |  |          |   |                |
|          | 61         |          |  |              | Г            |              |  |          |   |                |
|          | 62         |          |  |              |              |              |  |          | Т   |                |
|          | 63         |          |  | ┢            |              | Т            | -  | $\vdash$ | _   | $\vdash$       |
|          | 64         |          |  | ⊢            | -            |              |  | $\vdash$ | -   | Н              |
| -        | 64<br>65   | -        |  | <del> </del> | ⊢            | ├-           | -  | -        | <u> </u>  | $\vdash$       |
| -        | 65         | 4        |  | ــــ         | <u> </u>     | <u> </u>     | ـــ  | <u> </u> | <del> </del>  | $\vdash$       |
|          | 66         | _        |  | $\vdash$     | $\vdash$     | <u> </u>     | ⊢  | <u> </u> | ļ   | Ш              |
|          | 67         |          |  |              |              | L_           | <u> </u>   | 乚        | L_  |                |
|          | 68         |          |  |              |              |              |  |          |   |                |
|          | 69         |          |  |              | Π            |              |  | Γ        |   |                |
|          | 70         |          |  | 1            |              |              | T  |          |   |                |
|          | 71         | _        |  | 1            | 十            | 1            | T  |          | 1   |                |
|          | 72         |          |  | t            | 1-           | ╁            | $\vdash$   | -        | $\vdash$  |                |
| <u> </u> | 72<br>73   |          |  | $\vdash$     | ╁┈           | ╁            | <del> </del>   |          | 1   |                |
|          | 74         |          |  |              |              | ╂            | <u> </u>   | -        | -   | -              |
|          | 74         |          |  | _            | ├            | ┼            | -  | -        | ╁   | $\vdash$       |
|          | 75<br>76   |          |  | ļ_           | 1            | ┞-           | ــــ   | _        | ╄-  | <del> </del> — |
|          | 76         |          |  | _            | ╙            |              | <u> </u>   | <u> </u> | <u> </u>  |                |
|          | 77         |          |  | <u> </u>     | $oxed{oxed}$ |              | <u> </u>   |          | <u> </u>  |                |
|          | 78<br>79   |          |  |              |              | _            |  |          | <u> </u>  |                |
|          | 79         |          |  | П            |              | П            |  |          | Γ   |                |
|          | 80         |          |  | T            | Т            |              | 1  |          |   |                |
| -        | 81         |          | <del>                                     </del> | T            | t            | +            | T  | t        | 1   |                |
|          | 82         |          |  | ╁╌           | +            | +            | +  | +        | ╁   | ┼─             |
| -        | 83         | $\vdash$ | $\vdash$   |              | +            | +            | +-   | +        | +   | +-             |
| $\vdash$ | 84         | $\vdash$ | $\vdash$   | ┼            | +            | $\vdash$     | ╁  | +        | +   | ┼─             |
| -        | 04         | $\vdash$ | $\vdash$   | +            | ╀            | +            | +  | +-       | 1   | $\vdash$       |
|          | 85         | <u> </u> | ⊢  |              | ╀            | -            |  | $\vdash$ | +   |                |
|          | 86<br>87   | <u> </u> | ļ  | 1            | $\perp$      | <del> </del> | $\vdash$   | 1        | ┺   | ــــ           |
|          | 87         | _        | ┖  | ļ.,          | 1            | $\perp$      | _  | 1_       | $\perp$   | $\perp$        |
|          | 88         | L        | L  | L            |              | L            | L  | L        |   |                |
|          | 89         |          | Π  | Γ            | Ī            |              |  |          | L   | $L^{-}$        |
|          | 90         |          | Г  | $\top$       | 1            |              |  | Τ        | T   |                |
|          | 91         | Т        | Г  | $\top$       | $\top$       | $\dagger$    | $\top$   | T        | 1   | Ť              |
|          | 92         | $\vdash$ | T  | t            | +            | 十            | +  | 1        | T   | $t^-$          |
| -        | 93         | $\vdash$ | ┼  | ╅            | +            | +            | +-   | +        | +   | +              |
| -        |            | $\vdash$ | ╁  | +            | +            | +            | +  | +        | +   | +              |
| <u> </u> | 94         |          | -  | +            | -            | +-           | +  | +        | +   | +-             |
|          | 95         | <b>—</b> | 1_   | -            | 1            | ļ            | 4  | +        | 1   | _              |
| L        | 96         | <u> </u> | _  | _            | $\perp$      | ↓_           | $\perp$  | 1        | $\perp$   | $\perp$        |
|          | 97         |          | $\perp$  | $\perp$      | L            | $\perp$      |  |          | L   | 1              |
|          | 98         | L        |  | $\perp$      | $I^{-}$      |              | $oldsymbol{ol}}}}}}}}}}}}} $ |          | $oldsymbol{ol}}}}}}}}}}}}}} $ |                |
|          | 99         | Π        | П  |              | Г            | Τ            |  |          |   | Γ              |
|          | 100        |          | T  | T            | $\top$       | Τ            | $\top$   | 1        | 1   | 1              |
|          |            |          |  |              |              |              |  | _        |   |                |

| Cla      | aim  |  |               |          |                | Date         |                | _        |  |  |
|----------|--|--|---------------|----------|----------------|--------------|----------------|----------|--|--|
|          |  |  |               |          |                |              |                |          |  |  |
| Final    | Original   |  |               |          |                |              |                |          |  |  |
|          |  | _  |               |          |                |              |                |          | -                                      | $\dashv$   |
|          | 102  |  | _             | 1        | $\vdash$       |              |                |          |  | ᅥ  |
|          | 103  |  | _             | <b></b>  |                |              |                |          |  |  |
|          | 104  |  |               | Г        |                |              |                |          |  |  |
|          | 101<br>102<br>103<br>104<br>105                                    |  |               |          |                |              |                |          |  |  |
|          | 1 106  |  |               |          |                |              |                |          |  | _  |
|          | 107  | L  |               |          | _              |              | _              |          |  |  |
|          | 107<br>108<br>109  |  |               | _        | _              |              | <u> </u>       |          |  |  |
|          | 109  |  |               | -        |                | -            |                |          |  |  |
|          | 110<br>111<br>112  | _  | <u> </u>      | ├        | -              | _            |                | _        | $\vdash$                               | $\dashv$   |
|          | 111  | <u> </u>   |               | -        | <u> </u>       |              |                |          | -                                      |  |
|          | 112  | $\vdash$   | -             | -        | $\vdash$       | ⊢            | <del> </del>   | _        | $\vdash$                               |  |
|          | 113  |  | $\vdash$      | $\vdash$ | $\vdash$       | <del> </del> | $\vdash$       | $\vdash$ | $\vdash$                               | $\dashv$   |
| <u> </u> | 115  | $\vdash$   | <del> -</del> | +        | ┢              | $\vdash$     | <del> </del> — | $\vdash$ | $\vdash$                               |  |
|          | 113<br>114<br>115<br>116<br>117<br>118<br>119                      |  | $\vdash$      | 1        | $\vdash$       | $\vdash$     |                | -        | H                                      | $\vdash$   |
|          | 117  | -  |               | t        | ╁              | ╁            |                |          | -                                      | П  |
|          | 118  | <del>                                     </del> |               | t        | <del> </del> - |              | $\vdash$       |          |  |  |
|          | 119  | T  |               |          | T-             |              | ┢              | T-       |  |  |
|          | 120  |  |               | $\vdash$ |                |              |                |          |  |  |
|          | 121  |  |               |          |                |              |                |          |  |  |
|          | 122  |  |               |          |                |              |                |          |  |  |
|          | 123  |  |               |          |                |              | _              |          | _                                      |  |
|          | 124  |  |               | 1_       |                | L            |                |          | ╙                                      |  |
|          | 125  | <u> </u>   | 1_            | _        | <u> </u>       | ╄            | <u> </u>       | <u> </u> | <u> </u>                               |  |
| <u></u>  | 126  | ↓_   | _             | _        | <del> </del>   | ļ            |                | -        | 1—                                     | <u> </u>   |
|          | 127  | ├-   | -             | -        | ┡              |              | <del> </del>   | ⊢        | <del> </del>                           | -  |
|          | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | ┼  |               | +        | ┼              | +            | ╀              | ├-       | -                                      |  |
|          | 129  | +-   | ╀             | +-       | ╁              | -            | ╁              | ┼—       | $\vdash$                               |  |
|          | 130  | ╁  | ╁             | ╁╌       | +-             | +            | +              | ┼        | +                                      |  |
| -        | 132  | $\vdash$   | +-            | +        | $\vdash$       | +-           | +-             |          | +-                                     | -  |
|          | 132<br>133   | +  | +-            | +        | $\vdash$       | +-           | $\vdash$       |          | +                                      | <del>                                     </del> |
| <b></b>  | 134  | t  | †-            | 1        | t              | +            | T              | t        | T                                      | <del> </del>                                     |
| $\vdash$ | 135  | T  | t             | 1        | T              | T            | 1              | T        | 1                                      | İ  |
|          | 135<br>136   |  | T             | 1        | T              |              |                |          |  |  |
|          | 137  |  |               | L        |                | I            |                |          | Г                                      |  |
|          | 138<br>139   |  |               |          |                |              |                | L        |  |  |
|          | 139  |  |               |          |                |              |                |          |  | 匚  |
|          | 140  |  | L             | _        | $\perp$        | _            | 1              | _        | _                                      | _  |
|          | 141  |  | $oxed{\bot}$  | 1_       | 1              | 1            | -              | <u> </u> | _                                      | $\vdash$   |
| <u> </u> | 142  | 1  | $\vdash$      | $\perp$  | 1              | 4            | $\bot$         | 1        | ـ                                      | -  |
| <u></u>  | 143  | ╁  | $\vdash$      | +        | +-             | +            | +              | $\vdash$ | -                                      | <del> </del>                                     |
| <u> </u> | 144  | +  | $\vdash$      | +        | +              | +            | +              | ╀        | -                                      | ₩  |
| -        | 145  | $\vdash$   | +             | +        | ╁              | +-           | +-             | ╀        | +                                      | ╀  |
|          | 146  | +-   | +             | +        | +              | +-           | +              | +        | +                                      | $\vdash$   |
| <u></u>  | 147  | +-   | +             | ╁        | ╁              | +            | +              | +        | +                                      | 1  |
| -        | 149  | +-   | ╁             | +        | ╁╌             | +            | ╁              | +        | +                                      | $\vdash$   |
| $\vdash$ | 150  | +-   | +             | +-       | ╁              | +            | +              | +        | +                                      | 1-   |
|          | 150  | Щ.   | 1             |          |                |              |                |          | ــــــــــــــــــــــــــــــــــــــ |  |